

LIST OF REFEREED PUBLICATIONS (S. Ladas)

1. The Magnetic Susceptibility of Small Palladium Particles  
S. Ladas, R.A. Dalla Betta and M. Boudart  
Journal of Catalysis, **53**, 356 (1978)
2. The adsorption and catalytic oxidation of CO on evaporated Pd particles  
S. Ladas, H. Poppe and M. Boudart  
Surface Sci., **102**, 151 (1981)
3. The effect of MoS<sub>2</sub> structural changes on the adsorption of Cs  
S. Ladas, S. Kennou, S.D. Foulias and C.A. Papageorgopoulos  
Solid State Commun, **52**, 543 (1984)
4. The behavior of Cs on MoS<sub>2</sub>  
S. Kennou, S. Ladas and C.A. Papageorgopoulos  
Surface Sci., **152/153**, 1213 (1985)
5. The effect of metal particle size on the accessibility of surface atoms  
to an impinging gas  
S. Ladas,  
Surface Sci., **159**, L406 (1985)
6. The effect of MoS<sub>2</sub> structural changes on the coadsorption of Cs and O<sub>2</sub>  
S. Ladas, S. Kennou and C.S. Papageorgopoulos  
Surface Sci., **162**, 279 (1985)
7. The interaction of Cs and O<sub>2</sub> on the basal plane of MoS<sub>2</sub>  
S. Kennou, S. Ladas, and C.A. Papageorgopoulos  
Surface Sci., **164**, 290 (1985)
8. The effect of metal particle size on the stoichiometry of adsorption  
S. Ladas,  
Surface Sci., **175**, L681 (1986)
9. Defining the rate of reaction in model heterogeneous catalytic experiments  
S. Ladas,  
Surface Sci., **187**, L621 (1987)
10. The adsorption of Cs on WSe<sub>2</sub>  
S. Ladas, S. Kennou, M. Kamaratos, S.D. Foulias and C.A.  
Papageorgopoulos  
Surface Sci., **189/190**, 261 (1987)
11. Microfacetting of a Pt(110) surface during catalytic CO oxidation  
S. Ladas, R. Imbihl and G. Ertl  
Surface Sci., **197**, 153 (1988)
12. Kinetic oscillations and facetting during the catalytic CO oxidation on Pt(110)  
S. Ladas, R. Imbihl and G. Ertl  
Surface Sci., **198**, 42 (1988)
13. Facetting in an Oscillatory Surface Reaction - The catalytic CO oxidation on  
Pt(110)  
R. Imbihl, S. Ladas and G. Ertl  
J. Vac. Science Technol. A, **6**, 877 (1988)

14. The CO induced  $1\times 2 \leftrightarrow 1\times 1$  Phase Transition of Pt(110) Studied by LEED and Work Function Measurements  
R. Imbihl, S. Ladas, and G. Ertl  
Surface Sci., **206**, L903 (1988)
15. The Influence of Steps on the Adsorption of Cs on Si(100)  
S. Kennou, M. Kamaratos, S. Ladas and C.A. Papageorgopoulos  
Surface Sci., **216**, 462 (1989)
16. The Effect of Steps on the Oxidation of a Cesiated Si (100)  $2\times 1$   
M.Kamaratos, S. Kennou, S. Ladas, and C.A. Papageorgopoulos  
Journal of Physics, C, Cond. Matter **1**, 6071 (1989)
17. Spatial Coupling of Autonomous Kinetic Oscillations in the Catalytic CO Oxidation on Pt(110)  
R. Imbihl, S. Ladas, and G. Ertl  
Surface Sci., **215**, L307 (1989)
18. Kinetic Oscillations during the Catalytic CO Oxidation on Pd(110): The Role of Subsurface Oxygen  
S. Ladas, R. Imbihl and G. Ertl  
Surface Sci., **219**, 88 (1989)
19. Influence of Ni Deposits on the Catalytic CO-Oxidation on Pt (110)  
S. Ladas, and R. Imbihl  
Ber. Bunsenges., **94**, 70 (1990)
20. The Dependence of Catalytic Rates on Catalyst Work Function  
C.G. Vayenas, S. Bebelis and S. Ladas  
Nature, **343**, 625 (1990)
21. Work function Measurements on Catalyst Films Subject to in situ Electrochemical Promotion  
S. Ladas, S. Bebelis and C.G. Vayenas  
Surface Sci., **251/252**, 1062 (1991)
22. The Reactivity of High Oxygen Coverages on Pd(110) in Catalytic CO Oxidation  
S. Ladas, R. Imbihl and G. Ertl  
Surface Sci., **280**, 14 (1993)
23. Origin of Non-Faradaic Electrochemical Modification of Catalytic Activity  
S. Ladas, S. Kennou, S. Bebelis and C.G. Vayenas  
J. of Phys. Chemistry , **97**, 8845 (1993)
24. "Electrochemical promotion in catalysis: Non-Faradaic electrochemical modification of catalytic activity", C.G. Vayenas, S. Ladas, S. Bebelis, I.V. Yentekakis, S. Neophytides, Jiang Yi, Ch. Karavasilis and C. Pliangos, Electrochimica Acta, **39**, 1849 (1994)
25. An XPS Study of Carbon Segregation on Polycrystalline Silver  
A. Siokou, S. Kennou and S. Ladas  
Surface Sci., **309**, 810 (1994)
26. The local adsorption geometry of oxygen on Pt(210): a SEXAFS study  
S. Ladas, A. Siokou, S. Kennou, T. Fink, R. Imbihl, F. Mertens, J. Haase  
Surface Sci., **319**, 337 (1994)

27. Semiconducting Rhenium silicide thin films on Si(111)  
 T.T.A. Nguyen, J.Y. Veuillen, P. Muret, S. Kennou, A. Siokou, S. Ladas,  
 F. Lahatra-Razafindramisa and M. Brunel  
*J. Appl. Physics*, **77**, 2514 (1995)
28. An XPS and WF study of the Er/Si(100) interface formation  
 A. Siokou, S. Kennou and S. Ladas  
*Surface Science*, **333**, 580 (1995)
29. Characterization of ex-situ hydrogenated amorphous SiC thin films by X-ray Photoelectron Spectroscopy  
 S.Kennou, S.Ladas , E.C.Paloura and J.A.Kalomirov  
*Appl. Surf. Science* , **90** , 283 (1995)
30. Hydrogen adsorption on ErSi<sub>1.7</sub>(0001)  
 J.Y. Veuillen, T.A. Nguyen Tan, S. Ladas and S. Kennou  
*Phys. Rev. B.* , **52**, 10796 (1995)
31. Surface modification of a-SiC thin films with ex-situ hydrogenation  
 J.A. Kalomirov, E.C. Paloura, A. Ginoudi, S. Kennou, S. Ladas, Ch. Lioutas,  
 N. Vouroutzis, D. Girginoudi, N. Georgoulas and A. Thanailakis  
*Solid State Commun.*, **96** ,735 (1995)
32. The formation of a NO-NH<sub>3</sub> coadsorption complex on a Pt(111) surface: a NEXAFS study  
 F. Esch, Th. Greber, S. Kennou, A. Siokou, S. Ladas and R. Imbihl  
*Catalysis Letters*, **38**, 165 (1996)
33. Growth and Characterization of the Re/Si(111) interface  
 A.Siokou, S. Kennou, S. Ladas, T.A. Nguyen Tan and J.Y. Veuillen  
*Surface Sci.*, **352** ,628 (1996)
34. Identification of a different surface species of NO adsorbed on Ru(0001) with NEXAFS  
 F.Esch, S. Ladas, S. Kennou, A. Siokou and R. Imbhil  
*Surface Sci.*, **355**, L253(1996)
35. Oxidation of thin Erbium and Erbium Silicide overlayers in contact with oxide films thermally grown on silicon  
 S.Kennou, S. Ladas, M.G. Grimaldi, T.A. Nguyen Tan and J.Y. Veuillen  
*Appl. Surf. Sci.*, **102** , 142 (1996)
36. Characterization of Light Emitting Silicon Nanopillars produced by lithography and etching  
 A.G. Nassiopoulos, S. Grigoropoulos, E. Gogolides, D. Papadimitriou, S. Kennou and S. Ladas  
*Appl. Surf. Sci.*, **102**, 377 (1996)
37. Non-Faradaic Electrochemical Modification of the Catalytic Activity of Pt deposited on TiO<sub>2</sub>  
 C.Pliangos, I.V.Yentekakis, S.Ladas and C.G.Vayenas  
*Journal of Catalysis*, **159**, 189 (1996)
38. In situ controlled promotion of Catalyst Surfaces: NEMCA  
 S.Neophytides, S.Bebelis, I.V.Yentekakis, Y.Jiang, C.Pliangos, Ch.Karavasilis, S.Ladas and C.G.Vayenas  
*Kinetics and Catalysis*, **37** , 666 (1996)

39. Characterization of the Oxygen adsorption states on clean and oxidized Ir(100) surfaces  
S. Ladas, S. Kennou, N. Hartmann and R. Imbihl  
Surface Sci., **382**, 49 (1997)
40. Correlation between the oxidation state of a-SiC and its wettability with non-reactive (Sn) and reactive (Ni) metallic components and their binary Si-alloys  
A. Tsoga, S.Ladas, P. Nikolopoulos  
Acta Mater. **45**, 3515 (1997)
41. An Interface study of vapor-deposited Re with the two (0001) polar faces of single crystal 6H-SiC  
S. Kennou, A. Siokou, I. Dontas and S. Ladas  
Diamond and Related Materials, **6**, 1424 (1997)
42. Direct STM, XPS and TPD observation of spillover phenomena over mm distances on metal catalysts interfaced with solid electrolytes  
C.G.Vayenas, R.M.Lambert, S.Ladas, S.Bebelis, S.Neophytides, M.S.Tikhov, W.C.Filkin,M.Makri, D.Tsiplakides,C.Cavalea and K.Besocke  
Studies in Surface Science and Catalysis , **112** , 39 (1997)
43. XPS study of Pd particle growth on different alumina surfaces  
V. Nehasil, S.Zafeiratos, V.Matolin and S. Ladas  
Vacuum, **50** , 143 (1998)
44. An XPS and XAES study of the Ni/ZrO<sub>2</sub> interface  
D. Sotiropoulou and S. Ladas  
Surface Science , **408**, 182 (1998)
45. X-ray photoelectron spectroscopy study of rhodium particle growth on different alumina surfaces  
S.Zafeiratos, V.Nehasil and S.Ladas  
Surface Science, **435**, 612 (1999).
46. The interaction of carbon monoxide with Rh/Al<sub>2</sub>O<sub>3</sub> model catalysts : Influence of the support structure  
V.Nehasil, S.Zafeiratos, S.Ladas and V.Matolin  
Surface Science, **435**, 215 (1999).
47. An X-ray photoelectron spectroscopy study of zirconia-supported Mo and Ni-Mo hydrodesulfurization catalysts  
D.Sotiropoulou, C.Yiokari, C.G.Vayenas and S.Ladas  
Applied Catal. A : General , **183**, 15 (1999)
48. Study of CO adsorption on Rh/alumina model catalysts in dependence on substrate Orientation  
Nehasil V., Hrcic T., Zafeiratos S., Ladas S., Matolin V.,  
Surface Science, **454**, 289 (2000).
49. The growth of ultrathin films of copper on polycrystalline ZrO<sub>2</sub>,  
Sotiropoulou D., Ladas S.,  
Surface Science, **452**, 58 (2000).
50. Effect of surface roughness of the titanium alloy Ti-6Al-4V on human bone marrow cell response and on protein adsorption  
D.D.Delianni, N.Katsala, S.Ladas, D.Sotiropoulou, J.Amedee,Y.F.Missirlis  
Biomaterials, **22**, 1241 (2001)

51. Interaction of ultrathin nickel oxide films with single-crystal zirconia and alumina surfaces  
Sygellou L., Zafeiratos S., Tsud N., Matolin V., Kennou S., Ladas S., Surface and Interf. Analysis, **34**, 545 (2002).
52. Study of the early stages of Cu/6H-SiC(000-1) interface formation  
Dontas I., Ladas S., Kennou S., Diamond & Rel. Mater., **12**, 1209 (2003).
53. Ni/NiO(001) interface studied by X-ray photoelectron spectroscopy and molecular dynamics simulations  
Symianakis E., Ladas S., Evangelakis G.A., Appl. Surf. Sci., **217**, 239 (2003).
54. Interfacial effects in ultra-thin nickel deposits on yttria-stabilized zirconia  
Sygellou L., Ladas S., Surf. Sci., **566**, 698 (2004).
55. Interfacial oxidation of ultra-thin nickel and chromium films on yttria-stabilized zirconia  
Khzhun O., Sygellou L., Ladas S., J. Phys. Chem. B , **109**, 2302 (2005).
56. Study of DC point-to-plane glow discharge in O<sub>2</sub> and Ar in relation to atactic Polystyrene (aPS) wettability  
Svarnas P., Spyrou N., Held B., Sotiropoulou D., Ladas S., Eur. Phys. J.Appl.Phys. , **32**, 53 (2005).
57. Study of the early stages of Cr/6H-SiC(0001) interface formation  
Dontas I., Karakalos S., Ladas S., Kennou S., Appl. Surf. Sci., **252**, 5312 (2006).
58. The transition from the adsorbed state to a surface alloy in the Sn/Ni(111) system  
Karakalos S., Kennou S., Ladas S., Janecek P., Sutara F., Nehasil V., Fabik S., Tsud N., Prince K., Matolin V., Chab V. , Surf. Sci., **600**, 4067(2006).
59. The interfacial properties of MgCl<sub>2</sub> thin films grown on Si(111)7x7  
Karakalos S., Siokou A., Dracopoulos V., Sutara F., Skala T., Skoda M., Ladas S., Prince K., Matolin V., Chab V. , J. Chem. Phys., **128(10)**, Art.No. 104705 (2008).
60. Surface alloying in the Sn/Ni(111) system studied by synchrotron radiation photoelectron valence band spectroscopy and ab initio density of states calculations  
Karakalos S., Ladas S., Janecek P., Sutara F., Nehasil V., Tsud N., Prince K., Matolin V., Chab V. , Papanicolau NI., Dianat A., Gross A., Thin Solid Films., **516 (10)**,2962 (2008).
61. Study of fluorine-doped TiO<sub>2</sub> sol-gel thin coatings  
Giannakopoulou T., Todorova N., Vaimakis T., Ladas S., Trapalis C., J. Solar Energy Engineering., **130**, Art. No. 041007-1 (2008).
62. Study of the early stages of Cr/4H-SiC(11-20) interface formation and its behaviour at High temperatures  
Dontas I., Karakalos S., Ladas S., Kennou S., Phys. Stat. Solid. c., **5 (12)**, 3744 (2008).
63. Cr/4H-SiC Schottky contacts investigated by electrical and photoelectron spectroscopy techniques  
Koliakoudakis C., Dontas J., Karakalos S., Kayambaki M., Ladas S., Konstantinidis G., Zekentes K., Kennou S.,

- Phys. Stat. Solid. a, **205 (11)**, 2536 (2008).
64. The interfacial properties of MgCl<sub>2</sub> thin films grown on a flat SiO<sub>2</sub> /Si substrate. An XPS and ISS study.  
 Karakalos S., Siokou A., Ladas S.,  
*Appl. Surf.Sci.*, **255(21)**, 8941 (2009).
65. Nanoscale processes during the interaction of aluminosilicate and carbonate mineral surfaces with acid mine drainage (AMD)  
 Kollias K., Godelitsas A., Astilleros JM., Ladas S., Kennou S., Potamitis C., Zervou M., Lagoyiannis A., Harissopoulos S., Mavromoustakos T.  
*Geochimica and Cosmochimica Acta*, **73(13)**: A677,Suppl.S (2009).
66. Fabrication and characterization of Cr-based Schottky diode on n-type 4H-SiC  
 C.Koliakoudakis, J.Dontas, S.Karakalos, M.Kayambaki, S.Ladas, G.Konstantinidis , S.Kennou , K.Zekentes  
*Materials Science Forum* , **651**, 615 (2009).
67. A comparative X-ray photoelectron spectroscopy and medium-energy ion-scattering study of ultra-thin, Hf-based high-k films  
 Sygellou L., Ladas S., Reading M. A., van den Berg J. A., Conard T., De Gendt S.  
*Surface & Interface Analysis*, **42 (6-7)**, 1057-1060, (2010) ,[doi: 10.1002/sia.3251]
68. The interfacial properties of MgCl<sub>2</sub> thin films grown on Ti(0001)  
 Karakalos S., Siokou A., Sutara F., Skala T., Vitalyi F., Ladas S.,  
 Prince K., Matolin V., Chab V. ,  
*J. Chem. Phys.*, **133** , 074701-1 (2010) , [doi:10.1063/1.3473933].
69. On the origin of the substrate induced oxidation of Ni/NiO(001) studied by X-ray Photoelectron Spectroscopy and Molecular Dynamics Simulations  
 Symianakis E., Evangelakis G.A., Ladas S.,  
*Surface Sci.* , **604** , 943 (2010) .
70. Electrical and structural properties of ultra-thin SiON films on Si prepared by plasma nitridation  
 E. Hourdakis , A.G. Nassiopoulou, A. Parisini, M.A.Reading, J.A.van den Berg  
 L.Sygellou , S.Ladas , P.Petrik , A.Nutsch , M.Wolf , G.Roeder  
*J. Vac. Science Technol. B*, **29 (2)**, Art.No. 022201 (2011)
71. An X-ray Photoelectron Spectroscopy study of ultra-thin oxynitride films  
 S. Ladas, L. Sygellou, S.Kennou, M. Wolf, G. Roeder, A. Nutsch,  
 Rambach,W.Lerch  
*Thin Solid Films*, **520**, 871 (2011).
72. ZrO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> thin films on Ge(100) Grown by ALD : An XPS investigation  
 L.Sygellou, V. Gianneta, N. Xanthopoulos, D. Skarlatos, S. Georga, C. Krontiras, S. Ladas, S. Kennou  
*Surf. Sci. Spectra*, **18**, 58 (2011) ; <http://dx.doi.org/10.1116/11.20100901>.
73. Effect of boiling aqua regia on MOCVD and MBE p-type GaN surfaces and Cr/p-GaN interfaces  
 F.G. Kalaitzakis, G. Konstantinidis, L. Sygellou, S. Kennou, S. Ladas, N. T.Pelekanos  
*Microelectronic Engineering*, **90**, 115 (2012).
74. An X-ray photoelectron spectroscopy study of strontium-titanate-based high-k film stacks  
 L.Sygellou, H. Tielens, C.Adelmann, S.Ladas  
*Microelectronic Engineering*, **90**, 138 (2012).
75. Investigation of the Ti/MgCl<sub>2</sub> interface on a Si(111)7x7 substrate

- S.Karakalos, T.Skala, O.Plekan, S.Ladas, K.Prince, V.Matolin, V.Chab,  
 A.Siokou  
*J. Chem. Phys.*, **136(22)**, Art.No. 224703 (2012).
76. Interfacial properties of ALD-deposited Al<sub>2</sub>O<sub>3</sub> /p-type Germanium MOS structures: influence of oxidized Ge interfacial layer dependent on Al<sub>2</sub>O<sub>3</sub> thickness  
 M. Botzakaki, A. Kerasidou, L.Sygellou, V. Ioannou-Sougleridis, N. Xanthopoulos, S.Kennou, S. Ladas, N.Z.Vouroutzis, Th.Speliotis, D. Skarlatos  
*Electronic Materials and Processing , ECS Solid State Letters* , **1(2)** , 32 (2012)
77. Electrical characteristics of ALD deposited Al<sub>2</sub>O<sub>3</sub> thin films on p-type Germanium substrates  
 M. Botzakaki, A. Kerasidou, N. Xanthopoulos, D. Skarlatos, S. Kennou, S. Ladas, S.N. Georgia, C.A. Krontiras  
*Physica Status Solidi*, **10 (1)** 137 (2013).
78. Probing the properties of atomic layer deposited ZrO<sub>2</sub> films on p-Germanium substrates  
 A. P. Kerasidou, M. Botzakaki,N. Xanthopoulos S. Kennou, S. Ladas , S. N. Georgia, C. A. Krontiras  
*J. Vac. Science Technol. A*, **31( 1)** , 01A126 (2013), DOI: 10.1116/1.4768166
79. Electronic and interface properties of polyfluorene films on GaN for hybrid optoelectronic applications  
 G. Itskos, X. Xristodoulou, E. Iliopoulos, S. Ladas, S. Kennou, M. Neophytou, S. Choulis  
*Appl. Phys.Lett.*, **102**, 063303 (2013).
80. Atomic layer deposited zirconium oxide electron injection layer for efficient organic light emitting diodes  
 M. Vasilopoulou, S. Kennou, S. Ladas, S.N. Georgia, M.Botzakaki, D. Skarlatos, C.A. Krontiras, N. A. Stathopoulos, P. Argitis, L C. Palilis,  
*Organic Electronics* , **14** , 312 (2013).
81. Optical and Electrical Properties of Gold Nanoparticles/Poly(3-alkylthiophene) Composites  
 K. Halasova, J. Pfleger, A. Sharf, M. Vobecky, J. Baldrian, S. Ladas, J. Hromadkova  
*Sci. Adv. Mater.* , **5**, 28 (2013).
82. ALD deposited ZrO<sub>2</sub> ultrathin layers on Si and Ge substrates: A multiple technique characterization  
 M.A. Botzakaki , N. Xanthopoulos, E. Makarona, C.Tsamis, S. Kennou, S.Ladas, S.N. Georgia ,C.A. Krontiras  
*Microelectronic Engineering*, **112**, 208 (2013).
83. Synthesis and Characterization of N-Doped TiO<sub>2</sub> photocatalysts with Tunable Response to Solar Radiation  
 A. Petala , D.Tsikritzis , M.Kollia , S. Ladas , S.Kennou , D. Kondarides  
*Applied Surface Science*, **305**, 281-291 (2014).
84. A novel route for the production of TiO<sub>2</sub> photocatalysts with low energy gap via Triton-X and oleic acid surfactants  
 A. Athanasiou, A. Mitsionis, T.Vaimakis, D.Petrakis, L.Loukatzikou, N.Todorova, C.Trapalis, S. Ladas  
*Applied Surface Science*, **319** , 143-150 (2014).

85. The study of the performance of PtNi/CeO<sub>2</sub>–nanocube catalysts for low temperature steam reforming of ethanol  
T. S. Moraes, R. C.R. Neto, M. C. Ribeiro, L. V. Mattos, M.Kourtelesis, S. Ladas, X. Verykios, F. B.Noronha  
*Catalysis Today*, **242**, 35 (2015).
86. Influence of the support on the reaction network of ethanol steam reforming at low temperatures over Pt catalysts  
M.Kourtelesis, P.Panagiotopoulou, S. Ladas, X. Verykios  
*Topics in Catalysis*, **58**, 1202 (2015).
87. Temperature-dependent retention characteristics of ion-beam modified SONOS Memories  
D.P.Simatos, P.Dimitrakis, P.Normand, N.Nikolaou, K.Giannakopoulos, S.Ladas, B.Pecassou, G.BenAssayag, V.Ioannou-Sougleridis  
*Nucl.Instr.Meth.B* ,(2015) : <http://dx.doi.org/10.1016/j.nimb.2015.04.007>
88. Nitrogen induced modifications of MANOS memory properties  
N.Nikolaou, V.Ioannou-Sougleridis, P.Dimitrakis, P.Normand, D.Skarlatos, K.Giannakopoulos, S.Ladas, B.Pecassou, G.BenAssayag, K.Kukli, J.Niinisto, M.Ritala, M.Leskela  
*Nucl.Instr.Meth.B* ,(2015) : <http://dx.doi.org/10.1016/j.nimb.2015.04.0015>
89. Surface modification of PET fibers by a cutinase from Fusarium Oxysporum  
M. Kanelli, S.Vasilakos, E.Nikolaivits, S.Ladas, P.Christakopoulos, E.Topakas  
*Process Biochemistry* , **50**, 1885 (2015).
90. Ethanol conversion at low temperature over CeO<sub>2</sub>-supported Ni-based catalysts. Effect of Pt addition to Ni catalyst  
T.S.Moraes, R.C.R.Neto, M.C.Ribeiro, L.V.Mattos, M.Kourtelesis, S.Ladas, X.Verykios, F.B.Noronha  
*Applied Catal.B* , **181**, 754 (2016) : <http://dx.doi.org/10.1016/j.catb.2015.08.044>
91. Ni Catalysts Supported on Modified Alumina for Diesel Steam Reforming  
A.Tribalis, G. D. Panagiotou, K. Bourikas, L. Sygellou, S. Kennou, S. Ladas, A. Lycourghiotis, C. Kordulis  
*Catalysts* , **6(1)** , 11 (2016).
92. Interface properties of Al–Al<sub>2</sub>O<sub>3</sub>–Ge MIS capacitors and the effect of forming gas annealing  
V. Ioannou-Sougleridis , A. Karageorgiou, M. Barlas , S. Ladas , D. Skarlatos  
*Microelectronic Engineering*, **159**, 84–89 (2016).