

Publication List:

SCI Journals

71. S. J. Yoo, N. Jung, S. Bhattacharjee, S. Gautam, H.-Y. Park, J. Ryu, Y.-H. Chung, S.-Y. Lee, I. Jang, J. H. Jang, S. H. Park, D. Y. Chung, Y.-E. Sung, K.-H. Chae, U. V. Waghmare, and S.-C. Lee

Organic-inorganic hybrid PtCo nanoparticle with high electrocatalytic activity and durability for oxygen reduction

NPG Asia Mater (Accepted) (IF=10.118)

70. J. H. Shin, J.-H. Choi, P.-R. Cha, S. K. Kim, I. H. Kim, S.-C. Lee, D. S. Jeong

Catalytic activity for oxygen reduction reaction on platinum-based core-shell nanoparticles: all-electron density functional theory

Nanoscale, 7(2015) 15830-15839 (IF=7.394)

69. J. S. Kim, S.-C. Lee, S. H. Lee, K. H. Hong

Importance of Orbital Interactions in Determining Electronic Band Structures of Organo-Lead Iodide

The Journal of Physical Chemistry C, 119(2015) 4627-4634 (IF=4.772)

68. S. K. Kim, D. H. Yoon, S.-C. Lee, J. H. Kim

Mo₂C/Graphene Nanocomposite As a Hydrodeoxygenation Catalyst for the Production of Diesel Range Hydrocarbons

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67. N. Y. Park, H. S. Nam, P.-R. Cha, S.-C. Lee

Size-dependent transition of the deformation behavior of Au nanowires

Nano Research, 8(2015) 941-947 (IF=8.49)

66. S. Bhattacharjee, K. Gupta, N. G. Jung, S. J. Yoo, U. V. Waghmare, S.-C. Lee

Site preference of NH₃-adsorption on Co, Pt and CoPt surfaces: the role of charge transfer, magnetism and strain

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65. J. H. Lee, Y. H. Kang, C. S. Hwang, S. W. Han, S.-C. Lee, J.-H. Choi

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64. H. J. Lee, J. M. Cho, I. H. Kim, S.-C. Lee, J. K. Park, Y. J. Baek, W. S. Lee
An insight into grain refinement mechanism of ultrananocrystalline diamond films obtained by direct current plasma-assisted chemical vapor deposition
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63. S. C. Sahoo, D. R. Mohapatra, H. J. Lee, M. Jejurikar, I. H. Kim, S.-C. Lee, J. K. Park, Y. J. Baek, W. S. Lee
Carbon nanoflake growth from carbon nanotubes by hot filament chemical vapor deposition
Carbon, 67(2014) 704-711 (6.160)
62. J. H. Shin, J.-H. Choi, Y. S. Bae, S.-C. Lee
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61. D. B. Park, S. M. Hong, K. H. Lee, M. Y. Heo, J. Y. Suh, S.-C. Lee, W. S. Jung
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60. Y. T. Lim, S. K. Kim, S.-C. Lee, J. H. Choi, K. S. Nam, S. J. Yoo, P. Kim
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59. C. U. Jeong, S.-C. Lee, H. N. Rhee, K. S. Park, S.-H. Choi
Using a Scale-bridging Technique to Determine the Effect of Elastic Properties on Stress Distribution Around the Femoral Stem of an Artificial Hip Joint with a Simplified Geometry
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56. T. Rizcky, H. J. Kim, J.-H. Choi, S.-C. Lee

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55. P.-R. Cha, H. S. Han, K. B. Yang, Y. C. Kim, K. H. Hong, S.-C. Lee, J. Y. Jung, J. P. Ahn, Y. R. Kim, S. Y. Cho, J. Y. Byun, K. S. Lee, S. J. Yang, H. K. Seok

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51. J. H. Shin, J.-H. Choi, S.-C. Lee

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43. K. H. Kim, H. J. Kim, J. P. Ahn, S.-C. Lee, S. O. Won, J. W. Choi, J. Y. Chang
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