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College: Faculty of Engineering

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Education

Degree	Graduated in	Major	University
BSc	2000	Material Science Engineering	Isfahan University of Technology

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	(not set)

Papers in Journals

1. [Coupling effect of Fe-doped Co₃O₄ nanoparticles with SrTiO₃ nanotubes on the high-efficiency photocatalytic activities of basic violet 16 dye degradation and H₂ evolution, Inorganic Chemistry Communications, Vol. 162, 2024 03 07, SCOPUS, JCR.](#)
2. [Coupling effect of Fe-doped Co₃O₄ nanoparticles with SrTiO₃ nanotubes on the high-efficiency photocatalytic activities of basic violet 16 dye degradation and H₂ evolution, Inorganic Chemistry Communications, Vol. 162, 2024 03 07, SCOPUS, JCR.](#)
3. [Constructing trinary heterostructure of TiO₂/CoCr₂O₄/SrTiO₃ to enhance photocatalytic activity toward degradation of yellow 28 dye, Materials Chemistry and Physics, Vol. 299, pp. 1, 2023 04 15, SCOPUS, JCR.](#)
4. [Mg-doped TiO₂ nanorods-SrTiO₃ heterojunction composites for efficient visible-light photocatalytic degradation of basic yellow 28, Optical Materials, Vol. 136, pp. 1, 2023 01 03, SCOPUS, JCR.](#)
5. [Photocatalytic degradation of Basic Blue 41 dye under visible light over SrTiO₃/Ag₃PO₄ hetero-nanostructures, International Journal of Applied Ceramic Technology, Vol. 19, pp. 3347, 2022 11 01, JCR.](#)
6. [Enhanced dielectric properties and energy storage density of Mg-doped SrTiO₃ nanowire films, Processing and Application of Ceramics, Vol. 16, pp. 55, 2022 02 10, JCR.](#)
7. [Ni-N codoped SnO₂/Fe₂O₃ nanocomposite as advanced bifunctional photocatalyst for simultaneous photocatalytic redox conversion of Cr\(VI\) and As\(III\), J TAIWAN INST CHEM E, Vol. 119, pp. 232, 2021 02 08, JCR.](#)

8. عباس صادق زاده عطار, Binary Zn-Doped SnO₂/Al₂O₃ Nanotube Composites for Visible-Light-Driven Photocatalytic Degradation of Basic Blue 41, *acs applied nanomaterials*, Vol. 3, pp. 9931, 2020 09 23, JCR.
9. عباس صادق زاده عطار, Photocatalytic degradation evaluation of N-Fe codoped aligned TiO₂ nanorods based on the effect of annealing temperature, *Journal of Advanced Ceramics*, Vol. 9, pp. 107, 2020 02 05, JCR.
10. عباس صادق زاده عطار, Photocatalytic degradation evaluation of N-Fe codoped aligned TiO₂ nanorods based on the effect of annealing temperature, *Journal of Advanced Ceramics*, Vol. 9, pp. 107, 2020 02 05, JCR.
11. عباس صادق زاده عطار, Photocatalytic degradation evaluation of N-Fe codoped aligned TiO₂ nanorods based on the effect of annealing temperature, *Journal of Advanced Ceramics*, Vol. 9, pp. 107, 2020 02 05, JCR.
12. عباس صادق زاده عطار, محمد رضا بافنده, Effect of annealing on UV-visible absorption and photoluminescence behavior of liquid phase deposited TiO₂ nanorods, *INT J APPL CERAM TEC*, Vol. 16, pp. 2429, 2019 05 02, JCR.
13. عباس صادق زاده عطار, سعید حاجی جعفری بیدگلی, محمد رضا بافنده, Structure and dielectric behaviour of Sr-modified Bi₄Si₃O₁₂ thin films prepared via sol gel method, *Processing and Application of Ceramics*, Vol. 12, pp. 36, 2018 03 11, ISI, SCOPUS.
14. عباس صادق زاده عطار, محمد رضا بافنده, The effect of annealing temperature on the structure and optical properties of well-aligned 1D SnO₂ nanowires synthesized using template-assisted deposition, *CRYSTENGCOMM*, Vol. 20, pp. 460, 2018 01 11, ISI.
15. عباس صادق زاده عطار, ایمان اخوان صفائی, محمد رضا بافنده, UV-visible absorption and photoluminescence characteristics of SnO₂ nano-tube/wire arrays fabricated by LPD method, *INT J APPL CERAM TEC*, Vol. 15, pp. 1084, 2018 01 11, ISI.
16. عباس صادق زاده عطار, ایمان اخوان صفائی, محمد رضا بافنده, UV-visible absorption and photoluminescence characteristics of SnO₂ nano-tube/wire arrays fabricated by LPD method, *INT J APPL CERAM TEC*, Vol. 15, pp. 1084, 2018 01 11, ISI.
17. سعید حاجی جعفری بیدگلی, عباس صادق زاده عطار, محمد رضا بافنده, Structural and optical properties of Sr-modified bismuth silicate nanostructured films synthesized by sol gel method, *Journal of Nanostructures*, Vol. 7, pp. 258, 2017 10 01, SCOPUS, ISC, JCR.
18. عباس صادق زاده عطار, قدرت الله ایوبی کیا, مریم احتشام زاده, Improvement in tribological behavior of novel sol-enhanced electroless Ni-P-SiO₂ nanocomposite coatings, *SURF COAT TECH*, Vol. 307, pp. 837, 2016 12 11, ISI.
19. عباس صادق زاده عطار, Structural and optical characteristic of single crystal rutile-titania nanowire arrays prepared in alumina membranes, *MATER CHEM PHYS*, Vol. 182, pp. 148, 2016 10 11, ISI.
20. عباس صادق زاده عطار, زهرا حسنی, Fabrication and growth mechanism of single-crystalline rutile TiO₂ nanowires by liquid phase deposition process in a porous alumina template, *J MATER SCI TECHNOL*, Vol. 31, pp. 828, 2015 04 11, ISI.
21. عباس صادق زاده عطار, احسان صالحی سیچانی, شهریار شرفی, Structural and dielectric properties of Bi-doped barium strontium titanate nanopowders synthesized by sol-gel method, *Journal of Materials Research and Technology*, 0000 00 11, SCOPUS.
22. سعید حاجی جعفری بیدگلی, عباس صادق زاده عطار, محمد رضا بافنده, Structural and optical properties of Sr-modified bismuth silicate nanostructured films synthesized by sol gel method, *Journal of Nanostructures*, 0000 00 11, ISI, ISC.
23. سعید حاجی جعفری بیدگلی, عباس صادق زاده عطار, محمد رضا بافنده, Structural and optical properties of Sr-modified bismuth silicate nanostructured films synthesized by sol gel method, *Journal of Nanostructures*, 0000 00 00, SCOPUS, ISC, JCR.