

# Pradyut Sengupta

## List of Publications by Year in descending order

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9  
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1163117  
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177  
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#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical properties of novel tungsten heavy alloys prepared using FeNiCoCrCu HEA as binder. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 832, 142451.	5.6	11
2	Effect of TiC addition on structure and properties of spark plasma sintered ZrB <sub>2</sub> -SiC-TiC ultrahigh temperature ceramic composite. <i>Journal of Alloys and Compounds</i> , 2021, 850, 156668.	5.5	33
3	Adsorption effect of Zn <sup>+2</sup> and Co <sup>+2</sup> on the antibacterial properties of SiC-porcelain ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 327-332.	2.1	2
4	Antibacterial and magnetic response of site-specific cobalt incorporated hydroxyapatite. <i>Ceramics International</i> , 2020, 46, 513-522.	4.8	22
5	Effect of Zn and Co doping on antibacterial efficacy and cytocompatibility of spark plasma sintered hydroxyapatite. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4090-4100.	3.8	16
6	Sodium ion incorporated alumina - A versatile anisotropic ceramic. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4473-4486.	5.7	14
7	Zirconia: A Unique Multifunctional Ceramic Material. <i>Transactions of the Indian Institute of Metals</i> , 2019, 72, 1981-1998.	1.5	16
8	Site-specific antibacterial efficacy and cyto/hemo-compatibility of zinc substituted hydroxyapatite. <i>Ceramics International</i> , 2019, 45, 12225-12233.	4.8	44
9	Dual-Layer Oxidation-Protective Plasma-Sprayed SiC-ZrB <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> -Carbon Nanotube Coating on Graphite. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 417-431.	3.1	18