

Kenneth Vecchio

List of Publications by Year in descending order

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9
papers

2,467
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

2216
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Entropy Metal Diborides: A New Class of High-Entropy Materials and a New Type of Ultrahigh Temperature Ceramics. Scientific Reports, 2016, 6, 37946.	3.3	721
2	A new class of high-entropy perovskite oxides. Scripta Materialia, 2018, 142, 116-120.	5.2	560
3	High-entropy fluorite oxides. Journal of the European Ceramic Society, 2018, 38, 3578-3584.	5.7	399
4	Bacterial Toxin-Triggered Drug Release from Gold Nanoparticle-Stabilized Liposomes for the Treatment of Bacterial Infection. Journal of the American Chemical Society, 2011, 133, 4132-4139.	13.7	243
5	A high-entropy silicide: (Mo _{0.2} Nb _{0.2} Ta _{0.2} Ti _{0.2} W _{0.2})Si ₂ . Journal of Materiomics, 2019, 5, 337-343.	5.7	159
6	Stimuli-Responsive Liposome Fusion Mediated by Gold Nanoparticles. ACS Nano, 2010, 4, 1935-1942.	14.6	145
7	Thermal conductivity and hardness of three single-phase high-entropy metal diborides fabricated by borocarbothermal reduction and spark plasma sintering. Ceramics International, 2020, 46, 6906-6913.	4.8	107
8	Reactive flash spark plasma sintering of high-entropy ultrahigh temperature ceramics. Scripta Materialia, 2019, 170, 106-110.	5.2	101
9	Enhancing plasticity in high-entropy refractory ceramics via tailoring valence electron concentration. Materials and Design, 2021, 209, 109932.	7.0	32