

# Toury Berangere

## List of Publications by Year in descending order

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18  
papers

346  
citations

758635

12  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning of in situ synthesized silica-based and calcium phosphate bioceramics for applications in bone tissue engineering: A review. <i>Acta Biomaterialia</i> , 2021, 123, 123-153.	4.1	42
2	High purity boron nitride thin films prepared by the PDCs route. <i>Surface and Coatings Technology</i> , 2007, 201, 7822-7828.	2.2	32
3	Boron nitride matrices and coatings from boryl borazine molecular precursors. <i>Journal of Materials Chemistry</i> , 1999, 9, 2605-2610.	6.7	29
4	Mechanical properties of sol-gel coatings on polycarbonate: a review. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 75, 710-719.	1.1	29
5	A new polyborazine-based route to boron nitride fibres. <i>Journal of Materials Chemistry</i> , 2004, 14, 2609.	6.7	25
6	Hybrid silica coatings on polycarbonate: enhanced properties. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 52-60.	1.1	22
7	Dielectric permittivity, conductivity and breakdown field of hexagonal boron nitride. <i>Materials Research Express</i> , 2022, 9, 065901.	0.8	21
8	How to Increase the h-BN Crystallinity of Microfilms and Self-Standing Nanosheets: A Review of the Different Strategies Using the PDCs Route. <i>Crystals</i> , 2016, 6, 55.	1.0	20
9	Pure & crystallized 2D Boron Nitride sheets synthesized via a novel process coupling both PDCs and SPS methods. <i>Scientific Reports</i> , 2016, 6, 20388.	1.6	20
10	Hexagonal boron nitride: a review on selfstanding crystals synthesis towards 2D nanosheets. <i>JPhys Materials</i> , 2021, 4, 044018.	1.8	20
11	Low-Temperature Synthesis of Highly Crystallized Hexagonal Boron Nitride Sheets with Li <sub>3</sub> N as Additive Agent. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5507-5513.	1.0	18
12	Millimeter-Scale Hexagonal Boron Nitride Single Crystals for Nanosheet Generation. <i>ACS Applied Nano Materials</i> , 2020, 3, 1508-1515.	2.4	17
13	Synthesis of hexagonal boron nitride 2D layers using polymer derived ceramics route and derivatives. <i>JPhys Materials</i> , 2020, 3, 034002.	1.8	12
14	In vitro toxicity assessment of extracts derived from sol-gel coatings on polycarbonate intended to be used in food contact applications. <i>Food and Chemical Toxicology</i> , 2016, 93, 51-57.	1.8	10
15	Advanced synthesis of highly crystallized hexagonal boron nitride by coupling polymer-derived ceramics and spark plasma sintering processes influence of the crystallization promoter and sintering temperature. <i>Nanotechnology</i> , 2019, 30, 035604.	1.3	10
16	In vitro genotoxicity assessment of MTES, GPTES and TEOS, three precursors intended for use in food contact coatings. <i>Food and Chemical Toxicology</i> , 2014, 65, 76-81.	1.8	9
17	Radiative lifetime of free excitons in hexagonal boron nitride. <i>Physical Review B</i> , 2021, 104, .	1.1	7
18	Nitrate-Free Synthesis and Electrospinning of Carbonated Hydroxyapatite Coatings on TA6V Implants. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	3