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COMPOSITES PART B-ENGINEERING Volume: 180  
Article Number: 107577 Published: JAN 1 2020

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2. **NiCo2O4 constructed by different dimensions of building blocks with superior electromagnetic wave absorption performance**

By: Wu, Hongjing; Qin, Ming; Zhang, Limin  
COMPOSITES PART B-ENGINEERING Volume: 182  
Article Number: 107620 Published: FEB 1 2020

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3. **A review of recent research on bio-inspired structures and materials for energy absorption applications**

By: Ngoc San Ha; Lu, Guoxing  
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4. **A low-dielectric decoration strategy to achieve absorption dominated electromagnetic shielding material**

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By: Zur, Krzysztof Kamil; Arefi, Mohammad; Kim, Jinseok; et al.

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7. **A highly stretchable, super-hydrophobic strain sensor based on polydopamine and graphene reinforced nanofiber composite for human motion monitoring**

By: Li, Bei; Luo, Junchen; Huang, Xuewu; et al.

**COMPOSITES PART B-ENGINEERING** Volume: 181  
Article Number: 107580 Published: JAN 15 2020

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8. **Construction of multiple electromagnetic loss mechanism for enhanced electromagnetic absorption performance of fish scale-derived biomass absorber**

By: Zhou, Xinfeng; Jia, Zirui; Feng, Ailing; et al.

**COMPOSITES PART B-ENGINEERING** Volume: 192  
Article Number: 107980 Published: JUL 1 2020

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9. **Delamination formation and suppression during rotary ultrasonic elliptical machining of CFRP**

By: Geng, Daxi; Liu, Yihang; Shao, Zhenyu; et al.

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Article Number: 107698 Published: FEB 15 2020

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10. **Highly thermal conductive, anisotropically heat-transferred, mechanically flexible composite film by assembly of boron nitride nanosheets for thermal management**

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12. **TiN/Ni/C ternary composites with expanded heterogeneous interfaces for efficient microwave absorption**

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13. [Rational construction of hierarchical hollow CuS@CoS<sub>2</sub> nanoboxes with heterogeneous interfaces for high-efficiency microwave absorption materials](#)

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14. [High-efficiency improvement of thermal conductivities for epoxy composites from synthesized liquid crystal epoxy followed by doping BN fillers](#)

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Article Number: 107784 Published: MAR 15 2020

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15. [Exceptionally porous three-dimensional architectural nanostructure derived from CNTs/graphene aerogel towards the ultra-wideband EM absorption](#)

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By: Lv, Hualiang; Li, Yang; Jia, Zirui; et al.

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16. [Extraordinary reinforcing effect of carbon nanotubes in aluminium matrix composites assisted by in-situ alumina nanoparticles](#)

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By: Chen, B.; Kondoh, K.; Li, J. S.; et al.

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Article Number: 107691 Published: FEB 15 2020

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17. [A visible light driven AgBr/g-C<sub>3</sub>N<sub>4</sub> photocatalyst composite in methyl orange photodegradation: Focus on photoluminescence, mole ratio, synthesis method of g-C<sub>3</sub>N<sub>4</sub> and scavengers](#)

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By: Ghattavi, Shirin; Nezamzadeh-Ejhieh, Alireza

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18. [In situ deposition of pitaya-like Fe<sub>3</sub>O<sub>4</sub>@C magnetic microspheres on reduced graphene oxide nanosheets for electromagnetic wave absorber](#)

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By: Zhang, Hongxia; Jia, Zirui; Feng, Ailing; et al.

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19. [Facile synthesis of nitrogen-doped cobalt/cobalt oxide/carbon/reduced graphene oxide nanocomposites](#)

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for electromagnetic wave absorption

By: Shu, Ruiwen; Wu, Yue; Zhang, Jiabin; et al.

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Article Number: 108027 Published: JUL 15 2020

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20. **Magnetically actuated bone scaffold: Microstructure, cell response and osteogenesis**

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21. **Synthesis, characterization, and properties of graphene reinforced metal-matrix nanocomposites**

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22. **Synthesis of a novel graphene conjugated covalent organic framework nanohybrid for enhancing the flame retardancy and mechanical properties of epoxy resins through synergistic effect**

By: Xiao, Yuling; Jin, Ziyu; He, Lingxin; et al.

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23. **Mechanical improvement of continuous steel microcable reinforced geopolymer composites for 3D printing subjected to different loading conditions**

By: Li, Zhijian; Wang, Li; Ma, Guowei

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Article Number: 107796 Published: APR 15 2020

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24. **Catalyst free self-healable vitrimer/graphene oxide nanocomposites**

By: Krishnakumar, Balaji; Sanka, R. V. Siva Prasanna; Binder, Wolfgang H.; et al.

COMPOSITES PART B-ENGINEERING Volume: 184

Article Number: 107647 Published: MAR 1 2020

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25. **Highly thermal conductive and electrical insulating polymer composites with boron nitride**

By: Li, Meng; Wang, Mengjie; Hou, Xiao; et al.

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