

**Ljubisa R. Radovic**  
*h-index (SCI): 45*  
*Cumulative number of non-self citations (SCI): >6900*

## PUBLICATIONS

### A. Refereed Publications in Journals

1. Radovic, L.R., Tasic, A.Z., Grozdanic, D.K., Djordjevic, B.D., and Valent, V.J., "Computer Design and Analysis of Operation of a Multiple-Effect Evaporator System in the Sugar Industry," *Ind. Eng. Chem. Process Des. Dev.* **18**, 318 (1979).
2. Radovic, L.R., Walker, P.L., Jr., and Jenkins, R.G., "Effect of Lignite Pyrolysis Conditions on Calcium Oxide Dispersion and Subsequent Char Reactivity," *Fuel* **62**, 209 (1983).
3. Radovic, L.R., Walker, P.L., Jr., and Jenkins, R.G., "Importance of Catalyst Dispersion in the Gasification of Lignite Chars," *J. Catal.* **82**, 382 (1983).
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5. Radovic, L.R., and Walker, P.L., Jr., "Reactivities of Chars Obtained as Residues in Selected Coal Conversion Processes," *Fuel Process. Technol.* **8**, 149 (1984).
6. Radovic, L.R., Walker, P.L., Jr., and Jenkins, R.G., "Catalytic Coal Gasification: Use of Calcium vs. Potassium," *Fuel* **63**, 1028 (1984).
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13. Solar, J.M., Leon y Leon, C.A., Osseo-Asare, K., and Radovic, L.R., "The Importance of Electrokinetic Properties of Carbons for Their Use as Catalyst Supports," *Carbon* **28**, 369 (1990).
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16. Radovic, L.R., Jiang, H., and Lizzio, A.A., "A Transient Kinetics Study of Char Gasification in Carbon Dioxide and Oxygen," *Energy Fuels* **5**, 68 (1991).
17. Lizzio, A.A. and Radovic, L.R., "A Transient Kinetics Study of Catalytic Char Gasification in Carbon Dioxide," *I&EC Research* **30**, 1735 (1991).
18. Radovic, L.R., "Importance of Carbon Active Sites in the Gasification of Coal Chars - Eight Years Later," *Carbon* **29**, 809 (1991).
19. Calemma, V. and Radovic, L.R., "On the Gasification Reactivity of Italian Sulcis Coal," *Fuel* **70**, 1027 (1991).
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100. Arteaga-Perez, L.E., Casas-Ledon, Y., Prins, W., Radovic, L.R., "Thermodynamic predictions of performance of a bagasse integrated gasification combined cycle under quasi-equilibrium conditions", *Chem Eng J* **258**, 402 (2014).
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## B. Books

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2. Radovic, L.R., "Energy and Fuels in Society: Analysis of Bills and Media Reports," McGraw-Hill (College Custom Series), 1997, 484 pages; web edition (continuously updated): [www.ems.psu.edu/~radovic/matsc101.html](http://www.ems.psu.edu/~radovic/matsc101.html).



3. Thrower, P.A. and Radovic, L.R. (Editors), "Chemistry and Physics of Carbon," Vol. 26, Marcel Dekker, New York, 1999, 341 pages.
4. Radovic, L.R. (Editor), "Chemistry and Physics of Carbon," Vol. 27, Marcel Dekker, New York, 2001, 416 pages.
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### C. Refereed Chapters in Books

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